

LED Fluorescent Retrofit Kit, UL Listed, Class 2

Model: LED-RETROFITKIT-WH
Electrical Ratings: 120V AC, 60Hz, 66W.
Applies to any of our LED Strip products certified by UL.

Summary

Thank you for choosing our LED Fluorescent Retrofit Kit. This LED Retrofit Kit is certified by UL as Class 2 and Lighting Facts. The LED Retrofit Kit fits on your old troffer, connects directly to your 120V AC line and provides nearly 5000 lumens of light output, making your office or warehouse light up more than with the Fluorescent Lights. Upgrade your 2 x 4 fluorescent lighting fixtures with our new LED Retrofit Kit. This kit comes with everything you need to plug and play and start saving on electric and maintenance costs and create a slick, modern ambiance in your home or business.

Product Features

Benefits of LEDs

- Lifespan up to 5-7 times longer
- Low energy usage
- Functional in cold weather
- Bright, crisp white light
- No UV rays or mercury

Negatives of Fluorescent Lighting

- Inefficient power usage
- Short lifespan
- High heat emission
- Cause of migraines, eye strain and stress
- Release of harmful UV rays
- Difficult to dispose of

Technical Parameters

- Power Supply Specs:

Model:	OWA-60U-12 (LED-PS12V-60W-UL)
Input:	90-264V AC, 50/60Hz
Max Voltage Output:	12V DC
Max Current Output:	5A
Max Power Output:	60W
Weight:	1.3lbs

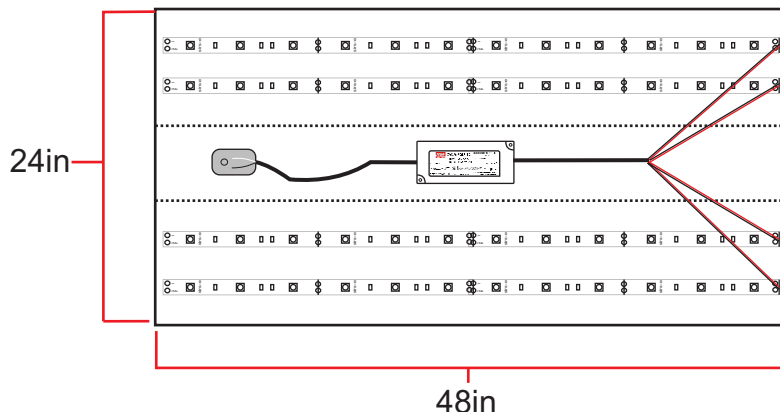
- LED Strips Specs:

Model:	5050-LED-WH-DD
Input:	12V DC
Length:	4ft segments
LED Type:	High Quality 5050 SMD
Density:	Double, 60 LEDs/m (18 LEDs/ft)
Color Temperature:	Neutral White 5000-6000K
Power Consumption:	3.52 W/ft
Operating Temperature:	-20°F to 120°F

- LED Retrofit Kit Overall Specs:

Model:	LED-RETROFITKIT-WH
Input:	120V AC, 60Hz
Output:	12V DC, 5.503 A
Power:	66.04 Watts
Correlated Color Temp:	6176 K
CRI:	84.3
Total Luminous Flux:	4728.3 lumens
Luminous Efficacy:	71.6 lumens/Watt

Troffer Dimensions

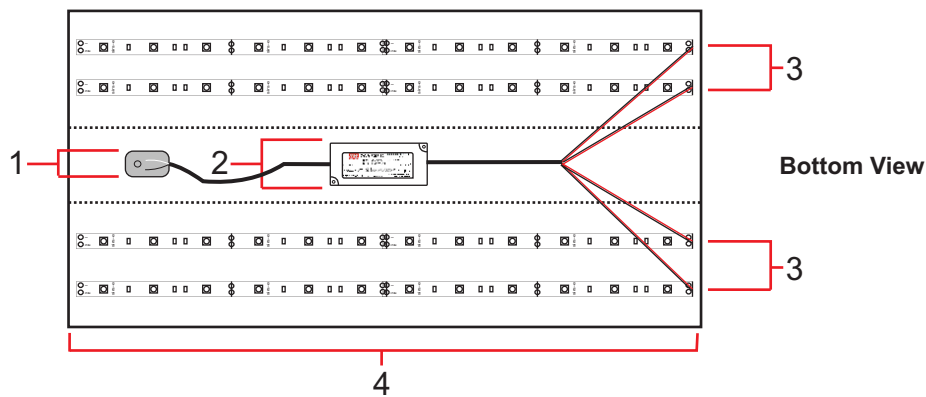


Bottom View

Application Tips

- Never exceed the limits in the specifications.
- Power Supply comes with 3M automotive-grade adhesive to hold on troffer, but it can also be screwed on.
- LED Strips come with 3M adhesive backing to secure them to the troffer, but for additional security you can use RTV clear silicone to hold them down.
- We strongly recommend you hire a licensed electrician for any electrical connection and or installation
- For use in dry or interior locations only.
- Class 2 dimming methods only.
- Class 2 input only.

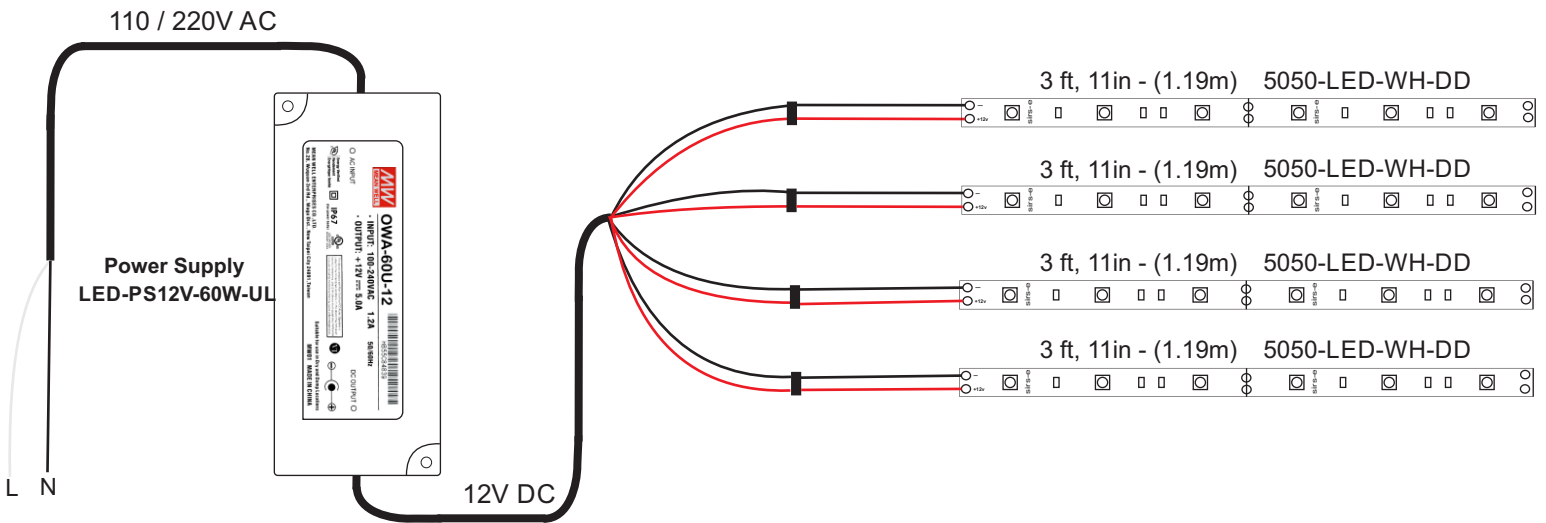
Physical Layout



Legend:

- 1 - AC Line
- 2 - Meanwell Power Supply
- 3 - 5050 LED Strips 4ft
- 4 - 2x4' Troffer Fixture

Wiring Diagram



L - AC Line

N - AC Neutral

Note: Power Supply's AC cord color codes may vary

UL Certification

5050-LED-WH-DD	UL Listed; UL 2108; E479339
LED-PS12V-60W-UL	UL Listed; UL 8750; E334687

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Lighting Facts & UL Certification

LED
lighting facts®
SIRS-E

A Program of the U.S. DOE

Light Output (Lumens)	4728
Watts	66.04
Lumens per Watt (Efficacy)	71.59

Color Accuracy
Color Rendering Index (CRI) **84**

Light Color
Correlated Color Temperature (CCT) **6176 (Daylight)**

Warm White
Bright White
Daylight

2700K
3000K
4500K
6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide*.

Registration Number: TE1V-MAJQOO (4/7/2016)
Model Number: LED-RETROFITKIT-WH
Type: Retrofit Kit - Troffer/Grid Ceiling

UL Certification

5050-LED-WH-DD	UL Listed; UL 2108; E479339
LED-PS12V-60W-UL	UL Listed; UL 8750; E334687

***Note**

**We recommend you hire a licensed electrician for any electrical connection, and or installation.
We reserve the right to make changes without any prior notice.

Last revised on 04/29/2016